A qualified user should be able to:

- Identify personal safety hazards associated with the tool and what precautions are taken to prevent an accident from occurring.
- Identify hazards to the tool and what precautions are taken to prevent an accident from occurring.
- Operate the tool safely and proficiently.
- Recover from simple errors.
- Demonstrate knowledge of the processes performed with the tool.

**SVG Track**

**Personal Safety Hazards**
- The SVG track uses various organic solvents in the coat process and base solvents in the develop process. Operators should read material safety data sheets (MSDS) for these materials and be familiar with hazards and safety controls to prevent an accident before using the system. The materials are locally contained and exhausted adequately to prevent any personal harm from occurring. If organic solvents are smelled in the air during processing, an SMFL staff member should be contacted.
- In the event of an emergency push the red EMO button on the far left of the machine.
- During spinning operations, wafers rotate at high speeds. Spinner modules are properly covered and interlocked to prevent any accident from occurring. Do not attempt to defeat any interlocks and keep extremities away from spinner while in operation.
- Always wear safety glasses.

**Hazards to the Tool**
- The robotic arms on the SVG Track may be damaged if they are re-positioned manually. If the tool “hangs up,” do not attempt to re-position the arms. Contact a staff member in case of an arm error.
- Back side coating of wafers: If wafers are run through the track with resist on the backs, the hotplates will become contaminated.
- Use only Fujifilm HPR-504 Photoresist and CD-26 Developer on this tool. Any other chemicals need SMFL approval.

**Operating Tool**
- A qualified user should be able to:
  - Load and unload cassettes and wafers correctly
  - Load a program
  - Execute a job
  - Reset the system
- Reservations - If not present at stated start time, tool is reserved for 15 minutes and is then considered open for general use.

**Simple Errors**
- **Failure to set cassettes in correct order**: Failure to set cassettes in correct order will cause the tool to error. The SVG Track is very sensitive to the cassette sequence. In general, the sequence is always 1) no cassette, elevator at top (2) receive elevator (3) send elevator.
Removing wafers from elevator before pressing INDEX RESET will cause the tool to alarm. If coat track output elevator does not go all the way to top, abort module and lift cassette to top position.

Incorrect positioning of module covers - The SVG track will not process wafers if module covers are not positioned correctly. Ensure covers are centered on posts correctly.

- **Processes**
  - Users should be familiar with material identities, bake time and temperatures, and spin time and speeds.

- **Appropriate Uses of the Tool**
  - Use only Fujifilm HPR-504 and CD-26 Developer on this tool. Any other chemicals could clog the track and will need SMFL approval.
  - No back side coating of wafers. If wafers are run through the track with resist on the backs, the hotplates will become contaminated.